

0071-OS

WATER REPELLENT TEXTILE FINISHES AND METHOD OF MAKING

ABSTRACT OF THE DISCLOSURE



A composition that is preferably an aqueous emulsion is disclosed that comprises:

1) a compound of a defined formula comprising a silicon moiety and an epoxy

5 functionality;

2) a compound of a defined formula comprising a silicon moiety and an alkoxy
functionality;

3) a crosslinker of a defined formula comprising a silicon moiety; and

4) a catalyst.

10 Upon treating fibers or fabrics with the composition, a condensation reaction product
is formed upon reaction with the catalyst at curing temperatures that imparts superior
durability, water repellency, and softness to the fibers or fabrics.